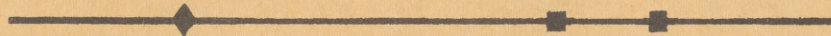


State of California

THE RESOURCES AGENCY
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DIVISION OF FORESTRY

NEWS LETTER



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EXPLORER POST NO. 4, BOY SCOUTS OF AMERICA

On Wednesday night, April 10, 1963, a banquet was given at the Clunie Auditorium in honor of Explorer Post No. 4, Boy Scouts of America, from La Jolla, California, by the Sacramento Explorer Post No. 28. The banquet climaxed four days of show-me tours, through the Mother Lode Country and ending at the State Capitol where the members of Explorer Post No. 4 were introduced to Lt. Governor Glenn Anderson.

The guest speaker at the banquet was DeWitt Nelson, Director of the Department of Conservation, who spoke on "The Importance of Education."

Then, to his surprise, Mr. Nelson was given a "Certificate of Appreciation" for his interest and support of Explorer Post No. 28. The Certificate was given to Mr. Nelson by the Post Advisor, Jerry Dragoo (Forest Firefighter Foreman, District III Warehouse). Explorer Post No. 28 specializes in Conservation.

During the two-day tour of the Mother Lode Country, the boys stayed one night at Mt. Danaher Forest Fire Station, the guests of Jack Burke, Ranger of the El Dorado Ranger Unit.

James C. Major
Fire Prevention - District III

COVER PAGE

Mrs. Harry (Freda) Ramsden pinning a 25-year pin on Harry during an award presentation held in his honor on April 23, 1963, in Fresno.

FEBRUARY ACTIVITIES

FIRE SUPPRESSION: The fire season was terminated in the Southern California District on February 11, 1963.

The U. S. Forest Service experienced two fair-sized fires the latter part of the month. One of the fires, 200 acres, was located on the San Bernardino National Forest just south and west of Big Bear Lake. The other, 60 acres, was on the Angeles Forest, 10 miles north of Glendale. The State Division of Forestry assisted with 14 hand crews, 2 bulldozers and several fire trucks.

FOREST FIRE RESEARCH

Fire Retardant Experiment: An unforeseen problem was reported from the Hemet Air Tanker Base with pectin-diammonium phosphate. The experimental forest fire retardant could not be thickened and separated in storage. Mixing tests and subsequent laboratory analysis showed that the pectin-diammonium phosphate formulation is very sensitive to water temperature. The present formulation is good for water temperatures of 65° F or more, but fails to thicken satisfactorily when mixed with water having a temperature much below 65° F. This problem had not been experienced during the warmer summer months at the Ukiah Air Tanker Base. The cold winter at Hemet (with air temperatures below 20° F. at times) produced the problem with pectin-diammonium phosphate which has not been fully resolved.

The low air temperatures at Hemet had the opposite effect on DAP thickened with CMC. This fire retardant solution has almost a straight-line relationship to temperature. As air temperatures at Hemet lowered in January and February, CMC-DAP became more and more viscous to the point where it flowed like very thick molasses. Transfer time became more than twice that required for bentonite or borate. It is anticipated that rising Spring time temperatures will again lower the viscosity of CMC-DAP so that it will flow more freely.

Calairco Meeting: The California Air Attack Coordinating Committee, consisting of representatives of the various fire-fighting agencies in the State, met in Berkeley in February to discuss air attack and fire retardant programs common to all. Among other things the status of the viscous DAP operational testing program at Hemet was reviewed. The principal questions that remain are those of storage of both CMC-DAP and pectin-diammonium phosphate and of the transferring time for CMC-DAP. Although viscosity undoubtedly has an important affect on transfer time, it seems that the flow characteristics of CMC-DAP are different than those of other chemical solutions. It is possible that new impellers may have to be designed for the Division's transfer pumps to handle CMC-DAP.

Calairco decided to expand the operational testing of viscous DAP and other experimental fire retardants to only a few air tanker bases in early 1963. Further expansion of the testing program will occur only after all questions of storage, handling, and corrosion have been answered regarding the chemicals. Expansion will also be limited by the availability of people who must train new air tanker base crews in the mixing and handling of the fire

retardants.

Two new helitank units were used in the field in 1962. One was designed by the Los Angeles County Fire Department, the other by Jim Meade, a private helicopter operator from Porterville. Both units have a capacity of around 100 gallons of water or fire retardant and are designed primarily for the more highly powered helicopters such as the Bell-G3 and the Hiller 12-E. The drop patterns of the two helitanks have never been measured precisely. Calairco plans to conduct a series of tests in Kern County early in April to measure the heights and speeds that helicopters should be flown to obtain optimum patterns of liquid on the ground. Water, viscous water and gel will be dropped.

The possibility that low-flying air tankers are continuing to affect fire behavior adversely was discussed. Two or three instances were noted in 1962 where air tankers seemed to create enough turbulence on the ground to cause slowly-spreading fires to make sudden runs in unpredicted directions. Calairco may conduct tests in an attempt to determine what affects air tankers may have on fire behavior in different fire situations.

WATERSHED MANAGEMENT

A representative of Fire Control, met with Mr. Richard Hawkins relative to the North Coast Project, being carried out by the Department of Water Resources.

Comments from the Division of Forestry have been submitted relative to its review of Department of Water Resources Bulletin No. 95, Tuolumne County Water District No. 2 Investigation; District No. 2 proposed Davis-Grunsky project; and Bulletin No. 92, Branscomb Project Investigation, Preliminary Edition.

A meeting was held with Mr. Bob McBride, U. S. Forest Service, relative to the Division of Forestry's participation in watershed management programs.

The preliminary analysis of the fire problem on the Alisal Gabilan Creek Public Law 566 project in Monterey County was presented to representatives of the Soil Conservation Service and U. S. Forest Service, and submitted to the field for presentation to the sponsors.

The February meeting of the State Soil Conservation Commission was also attended by a representative of the Division of Forestry.

The preliminary draft of a proposed agreement between the Division of Forestry and the U. S. Forest Service relative to carrying out the forest and fire protection measures on the Escondido Creek Public Law 566 project in San Diego County has been received, and is being reviewed. The proposed agreement between the Division of Forestry and sponsoring local organization of the Escondido Creek project has been received and is being reviewed. Engineering cost estimates, cost allocation and construction schedules have been received and are being reviewed.

EQUIPMENT DEVELOPMENT

A new track-laying vehicle called "Dura-Kat" was tested for possible application in fire control work. Weighing only 1,400 pounds, it is capable

of being hauled in a standard pickup. The unit was tested in Sierra terrain typical of operating conditions experienced on California Division of Forestry fires. Mechanical problems prevented completing all of the test, but the machine appears to offer some possibilities for beneficial use. Of particular value would be its ability to quickly transport loads (up to 1,000 lbs.) of personnel or equipment to remote areas over rough ground. Further tests will be conducted under actual fire conditions during the coming summer.

STATE-COUNTY COOPERATION

A meeting was held between the Sacramento City Safety Engineer, the Sacramento City Fire Chief and a representative of the State Forester's Office to discuss some problems that had arisen regarding compensation for auxiliary firemen who occasionally respond to watershed fires on O.C.D. fire pumpers.

Deputy Hastings and Ranger Dunwoody accompanied Deputy Director Calkins at a meeting at the California Disaster Office where some matters pertaining to Civil Defense planning and the utilization of State agency personnel were discussed.

A representative of the State Forester's Office attended meetings of the Solano County Fireman's Association at Vacaville and the Colusa County Fireman's Association at Arbuckle.

Division of Forestry representatives from the State Forester's Office and from District IV, attended a meeting of the Northern Division of the California Fire Chief's Association at Monterey.

Preliminary cost estimates were prepared and presented to the Department of Water Resources for fire protection to be provided by the Division of Forestry to the Department of Water Resources Headquarters Compound and housing units at Oroville.

FIRE WEATHER AND FIRE DANGER RATING

The 1962 Fire Weather and Danger Index Records were completely checked and corrected prior to entry of the data on IBM punch cards. This project was carried out with inmate help at the Folsom Conservation Camp.

In 1962 the 140 weather stations of the Division of Forestry, Contract Counties, and several cooperators recorded some 31,000 days of weather observations. This is about 6,000 more days than average.

The Fire Weather and Danger Index records were delivered to the Experiment Station in Berkeley. Several days were taken up in consultation with the punch card supervisor and the computer programmers in clearing up some procedural routines relative to the use of the records in the computer program.

The library of Danger Index programs from the computer continues to grow. The daily area averages of weather elements and indexes now are complete from 1952 to 1961. Index frequency occurrence listings are now on hand for all areas from 1958 through 1961. We also now have the composite 10-year frequency distributions for all areas for the 1952-1961 period.

A major addition is the 10-year State-wide cumulative frequency distribution listing for all indexes for the 1952-61 period. Made up of 75,000 indexes this data will be used to revise the State-wide adjective ranges for the various indexes.

We also have received the area decade (10-day) averages of weather and indexes for the 1956-61 period. Upon completion of 1952-55 we will be able to produce the 10-year "normals" of seasonal severity accumulation and the Decade Normal Fire Load Index.

The computer programmers have begun testing the individual station decade averaging program. This program, after running first the individual years, will eventually produce decade averages of weather and indexes on a 10-year basis for each individual fire weather station in California.

Most of the problems occurring in the high-speed wind recorder at Mt. St. Helena were traced to a faulty cable connector at the instrument level on the antenna structure. A sturdy watertight junction box has been manufactured with positive screw-type connecting blocks as a replacement for the cable connectors. This box will be installed at the earliest possible date.

FOREST PRACTICE ACT

The Forest Practice Committee of the South Sierra Pine and the Coast Range Pine and Fir Forest Districts met February 5th and January 13th, respectively. Progress in administration of the program, proposed amendment of the Forest Practice Act, and a number of alternate plans were reviewed.

Alternate plans in lieu of requirements of the Forest Practice Rules were approved for eight operations by the Board of Forestry on February 20th. All except one were for clear-cutting with provisions for seeding or planting to start the new crop of timber.

INSECT CONTROL

Decisive steps were taken to promote control of the Mother Lode insect epidemic. Letters were written to all principal timber owners in the area to encourage their participation. In addition, personal contacts were arranged with as many as possible. To date five control projects have been started in the Central Sierra region including 135,000 acres of State and private land.

Deputy State Forester George Grogan from Redding participated in a panel discussion of insect control and blowdown timber salvage at the Sierra Cascade Logging Conference in Anderson February 15th. He reported that the latest tally of the October blowdown was 583 million feet. The previous estimate was 430 million.

TIMBER TAXATION

Procedures for declaration of maturity of timber for taxation purposes in accordance with the State Constitution were approved by the Board of Forestry February 20th. These procedures and the timber taxations policy adopted by the Board in January will guide the boards that make maturity determinations.

The timber maturity boards of San Mateo and Mendocino Counties met February 7th - 8th and February 27th - 31st, respectively. Young-growth timber on 44 properties with 9,098 acres were declared mature.

PUBLIC RELATIONS AND INFORMATION

Controlling brush and weeds for improvement of ranges is presented in a publication issued by the California Division of Forestry in February. It resulted from work done on a cooperative study with the University of California Agricultural Extension Service in San Luis Obispo County.

To coordinate efforts in fields of mutual interest, the headquarters staff and principal field officials of the University of California Agricultural Extension Service and the California Division of Forestry met in Berkeley February 26th. Subjects reviewed included brush range improvement, fire protection in residential brush areas, emergency revegetation of burns, aids to woodland owners, multiple use planning of wildlands and extension activities of the University of California Forest Products Laboratory.

A report on the emergency revegetation program of the California Division of Forestry was made to the State Soil Conservation Commission on February 27th. It explained the policy and criteria under which the State assists local agencies and owners in getting a protective cover on watersheds denuded by fire.

FOREST FIRE PREVENTION

Final preparations have been made for a meeting in Bakersfield on April 4 of representatives of the various railroads and the fire control agencies. The meeting will cover fire prevention and control problems of mutual interest with the objective of resolving as many as possible.

Railroads participating will be Southern Pacific, Western Pacific, Santa Fe, Union Pacific, and Pacific Electric. Division of Forestry administrators and fire prevention specialists from Districts IV, V, and VI, and Sacramento will discuss significant problems in their areas of responsibility.

ENGINEERING

A second parcel within the Iron Mine acquisition package was approved by the Public Works Board for acquisition on February 25, 1963.

The recently completed Sutter Hill Forest Fire Station shop was inspected and accepted by the Division subject to a relatively small number of corrections to be accomplished by the contractor.

Approval was received on the reclassification of a delineator position to a senior delineator. Gerald Brown, a transfer from the Board of Equalization, has assumed the duties of the new senior.

The court awarded Mr. Whitlow \$55,076 for the 82.39 acres condemned by the State for the Magalia Conservation Camp in Butte County. This was based on appraisals from \$48,638 on the State's side to \$430,000 submitted by the plaintiff.

On February 19th Petersen attended the meeting of the Natural Resources Committee of the State Chamber of Commerce. The main thing of interest was the creation of the Whiskeytown recreation area by action of Congress and a long discussion of wilderness areas. Also, Mr. Kyle of the Bureau of Land Management, discussed pending legislation in Congress as it affects his agency.

MARCH ACTIVITIES

WATERSHED MANAGEMENT

A Notice of Public Hearing was submitted to District VI on the San Luis Rey Corps of Engineers project. A progress report was submitted to the U. S. Forest Service relative to the Adobe Creek Road #2, which is the road that is holding up completion of the fire protection measures approved in the Watershed Work Plan. The State Forester's representative attended the monthly meeting of the State Soil Conservation Commission, which included a field tour. Also reviewed the Conejo Creek proposed project in Ventura County.

AGRICULTURAL FIRE PROTECTION - SCHEDULE A

At the request of Mr. Dan Christie representing the Department of Water Resources a cost estimate was prepared for fire protection by the Division of Forestry on a Schedule A Contract to the office and warehousing facility and the residential subdivision which that agency is constructing at Oroville.

Eight Division of Forestry employees from Districts II, III, and IV completed a one-week course on radiological monitoring for instructors at the Government-sponsored Western Instructors Training Center at Alameda.

Deputy Hastings and Ranger Dunwoody met with representatives of the Pacific Fire Rating Bureau to discuss matters pertaining to insurance grading and fire protection in general.

Ranger Dunwoody spent a day with Mr. Ridder from the Washington Office of the U. S. Forest Service and Messers, Branch and McBride from the Region 5 Office at San Francisco, discussing matters and reviewing plans pertaining to Rural Fire Defense and radiological monitoring in the watershed areas of California.

Chief Deputy Moran, Deputy Hastings and Ranger Dunwoody spent a half day with Deputy Dunow and members of his staff including Ranger Brock from Placer County and Ranger Burke from El Dorado County, discussing fire plans for county fire protection responsibility areas in Placer and El Dorado Counties.

FIRE WEATHER

The fire weather coordinator attended the 1963 Fire Weather Meteorologists Conference in Portland, Oregon, and presented a paper on how our agency regards the National Fire Weather Plan.

The fire danger and fire weather coordinators spent two days at the Pacific Southwest Forest and Range Experiment Station compiling changes to be included in a major revision of the Fire Danger Rating Handbook.

The two coordinators attended a meeting held in Eureka to define the boundaries of the forecast area of the new Eureka Fire Weather Office.

The Fire Danger Coordinator spent two days at Mt. St. Helena working on the high speed wind recorder. The faulty cable connector was replaced by a weather-proof junction box.

STATE FORESTS

Two sales of timber from Jackson State Forest in Mendocino County were awarded. They will yield 12.7 million board feet of logs to the purchasers and \$329,134 revenue for the State. One sale was for virgin timber and the other young growth from lands originally harvested some 60 years ago. Most of the old growth timber on the forest has now been selectively cut and harvests in the future will be increasingly from younger stands.

INSECT CONTROL

The staff forest pest control specialist of the Division of Forestry attended the Western Insect Work Conference in Portland. Three days were devoted by research technicians and pest specialists from public agencies and Universities in discussion and application of new knowledge to the many serious infestations occurring in the West. Entomologists and foresters still have a long way to go to cope with insect outbreaks in the forests.

TIMBER TAXATION

Young growth timber on 16 properties of 2,536 acres were declared mature by the Humboldt Timber Maturity Board. This action taken in accordance with the State Constitution removes the exemption for taxation on these properties that went into effect when the original timber was harvested 40 or more years ago.

PUBLIC RELATIONS

A joint meeting was held between headquarters and field offices of the Division of Forestry and the University of California Agricultural Extension Service in order to coordinate activities of mutual interest. Both agencies have programs in fire prevention, brush range improvement, aid to woodland owners, and promotion of wood resources. Periodic inter-agency discussion develops unity of purpose and eliminates unnecessary duplication.

ENGINEERING

On March 26th Petersen met with representatives of Beaches and Parks and reached an understanding on the Cuyamaca Conservation Camp. In the afternoon he met with Sweet of Highways along with Tryner of Beaches and Parks. A meeting is scheduled for April 3 at the site in an attempt to locate the access road as well as the residences.

On March 18th a meeting was held in the Director's Office with Golden of Finance on the revised allocation for the operation of the proposed Forestry youth conservation camp. Finance is anxious to stay as close to the \$300,000 as is possible. It was decided to delay activation until around October 1st to effect a saving.

On March 19th Petersen attended a meeting of the San Mateo youth forestry program committee. Some 50 people were present. The committee presented their official budget to the county administration and the Chairman of the Board of Supervisors. This program envisages two 5-month a year sessions of 16 boys in a mobile camp, while another 16 boys are at home without a treatment program. San Francisco State College will run a detailed analysis of the affect of the camping experience on the participating and non-participating boys. It appears they desire to go ahead immediately with this program with a foundation grant.

The final inspection was held on the additions to the Covelo Forest Fire Station, consisting of the five bay equipment storage building and Assistant Ranger's residence and garage.

The bid opening was held on the seven bay equipment building for the Ft. Bragg Forest Fire Station. The low bidder was Eldon Ingram of Ft. Bragg with a bid of \$25,476 which was \$1,304 under our estimate.

Petersen, Honeycutt, and Neil participated in the Governor's Conference on Delinquency Prevention. Many excellent suggestions came out of this conference.

Petersen drove to Susanville with Director Nelson on March 3rd in order to open the trainee institution at Susanville on March 4th. Some 80 employees of Forestry and Corrections are to participate in a three-week training course.

On Monday night, March 4th, a meeting was held at Millers Lodge in Monterey County protesting the Piney Creek Conservation Camp. A news item covering this meeting appeared in the Salinas Californian. It quoted Assemblyman Pattee's implied opposition to the camp.

APRIL ACTIVITIES

FIRE SUPPRESSION

There were no forest fires of any consequence during April.

The intermittent rain experienced during the month will no doubt postpone the official opening of fire season in most districts for several more weeks.

FIRE CONTROL - FIRE REPORTS

A meeting was held with a representative of the IBM Corporation to look into the possibilities of putting the fire reports on punch cards, and other possible uses of data processing for the Fire Control Section. Tomblin, Phillips, and Innes represented Fire Control.

FOREST FIRE RESEARCH

A forest fire decision making game devised by the University of California, School of Forestry, as a part of the Economics of Fire Protection Study was played at District I headquarters, in Santa Rosa in early April. The primary objective of the game is to attempt to determine what effect

different levels of fire protection have on the outcome of forest fires. A possible secondary product of the game will be to provide a tool for training fire control personnel in decision making in forest fire management. The game includes two or three decision makers who are given a certain fire situation and are asked to request the necessary manpower and equipment to suppress the given fire within a prescribed time. A team of referees judges the decisions and informs the decision makers what happens to the fire as the result of their mutually decided control actions. Since this was the first playing of the game, several bugs were found in it. As a result the School of Forestry is in the process of reviewing and revising the game for further testing.

On April 3 and 4 the California Air Attack Coordinating Committee (Calairco) conducted a series of helitanker tests at Minter Field near Bakersfield. The objectives of the tests were to determine the drop patterns of three different helitanks from different speeds and altitudes and also to compare the drop patterns and fuel coating properties of viscous water and gel as compared to plain water. The Helitanks included the Los Angeles County Fire Department 105 gallon dual gate tank, the Jim Meade helitank and the 75 gallon neoprene bag. Liquids used included plain water, CMC-viscous water, algin gel and Dow M-2496 gel. Although the analysis of the data has not been completed, one fact stands out very strongly: the viscous, materials coated fuels with a layer which was 8 to 20 times thicker than that of plain water. Hosts during the tests were members of the Kern County Fire Department who contributed considerable help to the conduct of the tests.

Contacts were made with several of the Division's air tanker bases during the month of April for the purpose of planning operational tests of various experimental fire retardants during the 1963 fire season.

A report was presented to the Central Sierra Inter-Agency Fire Control Conference at Tahoe City on the results of the 1962 operational tests of experimental fire retardants and on plans for 1963 tests. A report was also made to the California Rural Firemens' Association on how chemicals can be used to improve water, treat fuels ahead of an advancing fire front and alter the chemical process of combustion. Emphasis was placed on how these chemicals could be used particularly with those rural fire departments which frequently must depend upon only the amount of water which they carry in their fire trucks for suppressing or controlling a fire.

An inspection was made both from the air and on the ground on the site which will be used to test bulldozers and personnel carriers in June. The site is located about 15 miles northwest of Coalinga. Many of the Division's personnel from all Districts will be involved in this test, the objective of which is to determine what size and make of bulldozers which are manufactured today will best meet the needs of the Division of Forestry in its fire control and road building activities.

FIRE CONTROL TRAINING

Fred Keast from Fire Control attended a half-day discussion period for the instructors for Defensive Driving on April 22, 1963. On the 30th he acted as the instructor to 13 trainees during the supervised driving road test over a four-mile course near the State Fair grounds.

WATERSHED MANAGEMENT

A representative of Fire Control attended the California Flood Control Conference; the periodic Public Law 566 Progress Meeting; participated in a field review of the Public Law 566 program in Southern California and coastal areas up to San Francisco Bay with a representative of the U. S. Forest Service, Washington, D.C., and the Regional Office. A conference was also held with a member of the Soil Conservation Service Portland Watershed Planning Unit relative to forestry procedures.

FIRE WEATHER

The Fire Weather Coordinator worked on plans for some fire weather studies during the coming season and the forthcoming major revision of the Fire Danger Rating Handbook. He participated in a meeting at the Pacific Southwest Forest and Range Experiment Station at which questions concerning the 1963 burning permit regulations were decided. He also participated in the program of the Central Sierra Fire Conference.

AGRICULTURAL FIRE PROTECTION

The quarterly meeting of the Fire Inspectors Section of the Northern California Fire Chiefs' Association held in Santa Cruz on April 19th was attended by a representative from the State Forester's staff.

Messrs. Raymond, Pomponio, Hastings, Bertsch, Tomblin, Phillips, and Dunwoody attended the annual meeting of the California Rural Fire Association in Santa Rosa on April 25, 26, 27, and 28th.

Ranger Dunwoody spent a day with Mr. C. E. Green, Solano County Fire Warden and Region II Fire Coordinator for Civil Defense. Purpose of said meeting was to review reimbursement procedure for use of Civil Defense pumpers on Division of Forestry fires and to explain this procedure to some of the chiefs in Civil Defense Region II.

FIRE PREVENTION EDUCATION TO BE INCREASED

More than 50 of the largest concerns in Northern California will substantially increase their forest fire prevention educational activities during the 1963 fire season. Representatives of the organizations pledged to this conservation effort at the annual planning meeting of the California Fire Prevention Committee in San Francisco on April 30.

The Committee, representing business, labor, commerce, transportation and public service organizations, works with the California Division of Forestry and the U. S. Forest Service in forest fire prevention by employing their own public education facilities and personnel to supplement agency efforts.

FOREST PRACTICES

Alternate plans to substitute equal or better forest harvesting requirements than the State Forest Practice Rules were approved by the Board of Forestry at its meeting in Monterey April 18 for three operations. These were for the Northern California Plywood, Inc., of Del Norte County within

the Redwood Forest District, the Ed. Fountain Lumber Company of Humboldt County within the Coast Range Pine and Fir Forest District, and Sierra Trees, Inc., of Sierra County within the North Sierra Pine Forest District. The first two plans permit clear-cutting followed by seeding or planting to obtain a new crop. The last allows cutting to improve the timber stand for growth of Christmas trees.

FOREST PEST CONTROL

The annual report of forest pest conditions in California in 1962 was released early in April. It contains results of surveys made to assess damage caused by insects, diseases, and animals. The most significant losses were caused by the pine bark beetle outbreak in the Mother Lode, windthrow from the Columbus Day storm, and trees killed by the fir engraver in the higher Sierra-Cascade mountains. The loss in 1963 from these principal causes exceeded 2 billion board feet. This report, which was prepared by a cooperative organization of public and private agencies called the California Forest Pest Control Action Council, was published by the Division of Forestry and widely distributed to forest owners and operators in order to alert them to their past problems.

A program on insect control problems was presented over a Sacramento television station on April 21. Participants included representatives of the California Forest Pest Control Action Council, the U. S. Forest Service, and the California Division of Forestry.

STATE FORESTS

Sale of 3.2 million board feet of timber from Latour State Forest in Shasta County was made by competitive bidding to U. S. Plywood Company Revenue from the sale to the State will be \$47,195. Included in the transaction was the salvage of 600 thousand board feet of windthrown timber resulting from the Columbus Day storm.

REFORESTATION

A reforestation staff specialist of the Division of Forestry attended the meeting of the Western Forest Tree Seed Council in Portland, Oregon, on April 16. The group exchanged technical information about harvest, processing, improvement, and certification of tree seed which is of growing importance in reforestation and tree growing. The Division's representative presented a report on seed processing methods.

ENGINEERING

Negotiations between Forestry, Beaches and Parks, and Division of Highways regarding the establishment of the Cuyamaca Conservation Camp in Cuyamaca State Park is proceeding satisfactorily. Highways has recently furnished two possible routes for future highway selection and it is currently proposed that Forestry construct its access road to the camp site along the easterly route as indicated by Highways. The Division of Beaches and Parks has agreed to negotiate for one private easement necessary for the access road completion, also along this same route. It is proposed that work on the site be commenced as soon as Beaches and Parks gives the necessary clearance.

The Division of Forestry has participated in several local meetings with residents of the Georgetown area regarding the selection of a site for a conservation camp in this general area. We have gained a favorable reaction to one site in particular, located about 1½ miles west of Georgetown. It is Forestry's intention to make formal application for the selection of this particular site through normal State channels.

A new transport and bulldozer storage building was recently completed and accepted by the State at the Julian Forest Fire Station in San Diego County.

The Division has encountered additional delay in the construction of two residences related to the Crystal Creek Conservation Camp facility. Since the site upon which the residences are to be constructed in Federal land, there are a number of anti-discrimination clauses applicable to the construction. State attorneys are presently attempting to establish, through the federal agency involved, the extent of applicability of these clauses to the State. It may be necessary to request the Presidential Advisory Commission to exempt the State from certain of these clauses which are in conflict to the State Contract Act.

The joint District V Forestry and Beaches and Parks District Headquarters facility located in Monterey was dedicated on April 18. A large number of public officials and local citizens attended the dedication of this fine new facility.

HARRY RAMSDEN HONORED AT 25-YEAR AWARD PRESENTATION

Automotive Maintenance Foreman Harry Ramsden was presented a 25-Year Award in recognition of a quarter century of service to the California Division of Forestry at a luncheon held in Fresno, April 23.

Ramsden started with the Division of Forestry at the Davis shop in 1939 as the first Civil Service Automotive Mechanic in the Division. He said in those days the territory covered by the Davis mechanic extended from the San Luis Obispo-Kern Counties area to the Oregon line, and it took four months to make the rounds in one trip. The job was a little different than it is now; then the primary job was to maintain and repair the fire pumps. The repair work on the engine and running gear was "farmed out" to local garages although some of the garages were not very "local" in those days.

"In thinking back," Ramsden said, "a few of the men I worked with then have retired, but most of the fellows are still around. For instance, there was an Assistant Ranger in Placer County named Lewis Moran who is now working in Sacramento."

In the Spring of 1943 Ramsden moved to Fresno when the Division hired four more Automotive Mechanics to work in each district except District VI which was handled by Equipment Engineer Luther Gordon. At that time Ramsden took care of about a dozen fire trucks in the District. Today he is responsible for the maintenance of 200 mechanical units, including non-mobile equipment, in one-half of the District; Automotive Maintenance Foreman Henry Buescher is responsible for the equipment in the other half of the District.

The Division of Forestry now has 18 Automotive Maintenance Foremen who supervise the maintenance and repair of over 1800 pieces of equipment scattered throughout the State. The equipment is more specialized and better

equipped for Forestry work, and in some cases, this means more complicated machinery which in turn requires greater operating and maintenance skills to get the most effective use of the machines.

Ramsden said some of the crazy things that happened 15 or 20 years ago probably wouldn't happen today because of the expanded training program.

"I remember," he said, "in July 1944 there was a fast spreading grain fire in one of the ranger units and a fire truck was stationed at a river bank to draft water for the rest of the pumpers on the fire. I received a message from the pump operator stationed at the river that he lost the draft and needed help. When I got there, sure enough, he couldn't get the draft again -- there were three catfish caught in the four-inch suction hose. The operator forgot to attach the strainer."

EMPLOYEES DIVISION'S GREATEST ASSET

"... I would like to reiterate the Division of Forestry's firm belief that you, its employees, are its greatest assets and resource, and that with management and employees working together, there is no limit to the achievements we can obtain for the people of California." With these words Deputy State Forester Melvin Pomponio closed his address to the Forest Firefighter Foremen graduating on March 22 from the Central Sierra Training Center.

Deputy Pomponio's talk before the class highlighted some of the "fast moving developments that are taking place in State service and the Division of Forestry in particular." He listed as areas where the Division was attempting to fulfill its responsibilities; improved training facilities, permanent training center staff, improvements in personnel management, new legislation, safety program improvements, better communications with employees, more effective tools, and improved liaison with employee organizations.

He also told the graduating class it was his sincere belief that the California Division of Forestry was one of the finest organizations of its kind. He indicated that employee loyalty and enthusiasm were primary evidence of this. He cited as evidence the willingness of the group before him to leave their homes, families, and normal environment for five weeks to improve themselves and their effectiveness for the Division.

FORESTERS URGENTLY NEEDED IN AFRICA

The Food and Agriculture Organization of the United Nations estimates a need for more than 4,000 forestry officers, 10,000 foresters, 20,000 forest rangers, and 90,000 forest guards over the next 20 years in Africa's forests.

These men will be needed in the vast area south of the Sahara excluding the Republic of South Africa.

At the present time some 450 officers, 650 foresters, 1,100 rangers, and 2,300 guards comprise the total protection and development force.

NEWS RELEASE

It will soon be possible to telephone State employees in Sacramento without going through a State operator.

A modern, mechanized telephone system called CENTREX is being installed for the State Capitol by Pacific Telephone. It will go into service July 7th.

This new system will allow calls to be dialed directly to State agencies and employees without going through a central switchboard.

If the caller knows the extension number of the State person he is calling, he can just dial the State prefix of "445" plus the last four numbers of the extension.

This will speed calls by eliminating the present system of first calling the State Capitol operator, then telling her the extension number wanted.

The new CENTREX telephone system has a capacity of 8,000 numbers. It includes a roomful of electronic switching equipment in the telephone company's building at 1407 J Street, streamlined push-button switchboards for State operators in the Capitol Building, and miles of underground and aerial cables connecting the State Office Buildings with the telephone equipment.

The new system will enable calls to go through faster and will reduce the load on the State switchboards by at least one-half. They are now manned by 20 operators during peak periods.

Besides enabling calls to be placed directly to the State employee involved, the system will automatically record all long distance calls placed by State employees.

EARLY FIRE REPORT

There is evidence that little official effort was expended during the Mexican provincial days (1822-46) to suppress wildfires in California. On the other hand, Spanish colonials obviously did their best to combat a nuisance which their successors upon the land still are trying to master. The book The Letters of Jose Señan, O.F.M. (1962) contains the following letter from Padre Señan of Ventura Mission to his good friend the Comandante of Santa Barbara Presidio. (Permission to quote granted by Ventura County Historical Society).

Sam Buenaventura
October 25, 1816

Don Jose de la Guerra:

Day before yesterday, in the morning, the great fire on all sides of us was finally completely extinguished after a great deal of hard labor on the part of our poor people. God bless us!

Fray José Señan

PERSONNEL CHANGES

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| February 25, 1963 | Gerald W. Brown transferred from Board of Equalization as Senior Delineator. |
| January 31, 1963 | Raleigh A. Taylor promoted to Forest Fire Prevention Program Supervisor (TAU). |
| February 14, 1963 | Lynn A. Terry, Engineering Aid II, resigned from his temporary military leave. |
| March 7, 1963 | Gervice F. Nash promoted to State Forest Ranger II in Training Section |
| March 19, 1963 | Margaret Hutchinson, Delineator, transferred to Water Resources. |
| March 1, 1963 | Ray Bryant, Automotive Maintenance Foreman, changed location from District VI to Davis. |
| March 26, 1963 | Virginia Van Bergen, Intermediate Typist Clerk, changed from limited-term to permanent appointment at Davis. |
| March 31, 1963 | George McAdow, Delineator in Engineering, transferred to Division of Highways. |
| April 1, 1963 | Jack Harris changed class from Laborer to Groundsman at Davis. |
| April 1, 1963 | Robert W. Loomis, Jr. appointed Forestry Graduate Trainee in Engineering. |
| April 15, 1963 | Jerry J. Tienken appointed Stock Clerk at Davis. |
| April 15, 1963 | Leonard Matsumoto, Engineering Aid II, changed from limited-term to permanent appointment. |
| April 30, 1963 | Virginia Van Bergen, Intermediate Typist-Clerk at Davis, resigned. |
| April 30, 1963 | Jerry J. Tienken, Stock Clerk at Davis, resigned to accept position with Water Resources. |
| May 1, 1963 | Arlys M. Roeske appointed Delineator in Engineering Section |
| May 13, 1963 | E. Jerry Archer appointed Delineator in Engineering Section. |

DISTRICT I

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| January 31, 1963 | Frank M. Clark, Forestry Work Project Foreman, was appointed to High Rock Conservation Camp. |
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February 15, 1963 Gary L. Pitzer was promoted to Forestry Work Project Foreman at Mobile I. Previously worked in District VI.

February 13, 1963 Eddie V. Whitten, Forest Firefighter Foreman, Humboldt County, has gone on indefinite military leave.

September 30, 1962 Roy M. Brookins, Forest Firefighter Foreman, Lake County, has separated on a disability retirement.

March 7, 1963 Nona H. Pardee has received her permanent appointment as Intermediate Stenographer, Napa County.

March 8, 1963 Charles A. Huff, Forestry Work Project Foreman at Chamberlain Creek Conservation Camp, Fort Bragg, has separated.

March 1, 1963 Gertrude McDowell has been promoted to Intermediate Stenographer at Mendocino County.

March 1, 1963 Marian C. Lewis has been appointed as Intermediate Typist Clerk, Mendocino County.

March 14, 1963 Nora E. Covington, Camp Crew Cook, Napa County has retired.

March 31, 1963 Jasper H. Davis, Forestry Work Project Foreman at Chamberlain Creek Conservation Camp, Mendocino County, has resigned.

March 31, 1963 Clare W. Copleman, Assistant Civil Engineer, Santa Rosa, has transferred to Beaches and Parks.

April 2, 1963 Walter Dahlheim, has been appointed as Forestry Work Project Foreman at Chamberlain Creek Conservation Camp, Mendocino County.

April 16, 1963 David W. Eby, who has been Assistant Forest Technician at Jackson State Forest, Mendocino, is now an Assistant State Forest Ranger, Santa Rosa.

April 5, 1963 Richard G. Dunn, Forest Fire Truck Driver, Napa County, has resigned.

April 14, 1963 Richard E. Dresser has been reinstated to the position of Assistant Forest Technician at Jackson State Forest, Mendocino County.

April 24, 1963 Ronald L. Miller has been appointed as Forest Fire Truck Driver, Napa County.

April 19, 1963 Ronald W. Avila has been appointed as Forest Fire Truck Driver, Mendocino County.

April 19, 1963 Howard E. Hawk has been appointed as Forest Fire Truck Driver, Humboldt County.

April 19, 1963 John D. Hart has been appointed as Forest Fire Truck Driver, Sonoma County.

April 19, 1963 John C. Thom has been appointed as Forest Fire Truck Driver, Lake County.

May 1, 1963 Louis A. Schultz transferred from the Department of Water Resources to District I headquarters as Civil Engineering Technician II.

May 6, 1963 Wallace B. Vaughn has been promoted to Forest Fire-fighter Foreman, Napa County.

May 6, 1963 John W. Carpenter has been reinstated as Camp Crew Cook, Napa County.

DISTRICT II

February 18, 1963 George H. Stanford from Forest Firefighter Foreman to Storekeeper II in Shasta County.

February 18, 1963 Frank J. McGuire appointed Painter I in Shasta County.

February 15, 1963 Raymond B. Caldwell promoted from Forestry Work Project Foreman in Fresno County to Assistant Forestry Superintendent Conservation Camp in Shasta County.

January 31, 1963 Robert R. Carroll appointed Forest Fire Truck Driver Shasta County.

February 6, 1963 Erwin T. Clement, Forest Fire Truck Driver, was transferred from Lassen to Butte County.

February 18, 1963 Charles H. Smith, Forest Fire Truck Driver, was transferred from Lassen to Shasta County.

January 31, 1963 Theodore T. Sullivan reinstated from Military Leave as Forest Fire Truck Driver in Butte County.

March 31, 1963 D. E. Byrd, Forestry Equipment Operator, resigned.

April 8, 1963 L. H. Wright, Assistant Civil Engineer, resigned.

April 1, 1963 C. R. Bowen, Forest Fire Truck Driver, reinstated from Military Leave.

April 1, 1963 Charles R. Bowen reinstated from Military Leave as Forest Fire Truck Driver Shasta County.

May 1, 1963 Della P. McMains reinstated as Intermediate Clerk, Shasta County.

May 1, 1963 Leland D. Cuff promoted to Forestry Work Project Foreman, Shasta County.

May 1, 1963 Wilford S. Cross promoted to Forest Firefighter Foreman, Shasta County.

May 6, 1963 Brice E. Bratcher appointed Forest Fire Truck Driver, Lassen County.

May 6, 1963 Donald Clark appointed Forest Fire Truck Driver, Lassen County.

DISTRICT III

February 11, 1963 John F. Martin appointed Food Service Assistant I.

January 1, 1963 Norman J. Del Porto from Assistant Forest Technician to Assistant State Forest Ranger

February 18, 1963 Harold A. Hughes--mandatory reinstatement, appointed Forest Firefighter Foreman

February 28, 1963 James L. Novotny, Forest Firefighter Foreman, resigned.

February 25, 1963 Charles V. Boyer - mandatory reinstatement, appointed Forest Fire Truck Driver

April 1, 1963 Dennis F. Loftis appointed Forest Fire Truck Driver, Placer County.

March 22, 1963 James E. Boatman, Forest Fire Truck Driver, Sonora, resigned.

April 15, 1963 George E. Little promoted from Forest Fire Truck Driver to Forest Firefighter Foreman, Calaveras County.

DISTRICT IV

February 18, 1963 Robert V. Long appointed as Forest Graduate Trainee in Fresno.

January 31, 1963 Roy L. Warren promoted to Forest Firefighter Foreman in Tulare.

February 7, 1963 James P. O'Neal reinstated as Forest Fire Truck Driver in Tulare.

March 1, 1963 Harry M. Miller appointed as Assistant Civil Engineer in Fresno.

March 1, 1963 Hjalmer A. Lusua appointed as Electrician in Fresno.

March 25, 1963 Agapito R. Villaflores appointed Janitor, Monterey County.

March 21, 1963 James M. Carter, Forest Fire Truck Driver, San Mateo County, resigned.

March 25, 1963 Donald M. Boyd, Forest Fire Truck Driver, San Mateo County appointed.

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| April 1, 1963 | Robert R. Turney appointed Forestry Work Project Foreman San Luis Obispo County. |
| April 1, 1963 | Walter F. Reh appointed Forest Fire Truck Driver, Santa Cruz. |
| | William D. Asher, Forest Fire Truck Driver, San Benito County on Military Leave. |
| April 5, 1963 | Owen Johnson, appointed Forest Fire Truck Driver, San Mateo County. |
| April 10, 1963 | John William Bennett, Forest Fire Truck Driver, Santa Cruz County returned from Military Leave. |
| April 1, 1963 | Don Brackett appointed TAU Carpenter, Fresno County. |
| April 1, 1963 | Albert Gordon appointed TAU Carpenter in Fresno County |
| April 15, 1963 | Guadalupe Perez promoted from Assistant Civil Engineer in Riverside County to Civil Engineer Associate in Fresno County |
| May 3, 1963 | Vernon G. Cassel, Work Project Foreman, deceased, Fresno. |
| April 19, 1963 | Bobby J. Ball appointed Forest Fire Truck Driver in Mariposa County |
| April 19, 1963 | Dan A. Craft appointed Forest Fire Truck Driver in Fresno County. |
| April 19, 1963 | Larry W. Jordan appointed Forest Fire Truck Driver in Mariposa County. |
| April 19, 1963 | John A. Robbins appointed Forest Fire Truck Driver in Madera County. |
| April 19, 1963 | Ervin A. Wirth appointed Forest Fire Truck Driver in Tulare County |

DISTRICT V

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| February 11, 1963 | Edward M. Graham appointed as Carpenter Foreman, Monterey. |
| February 13, 1963 | Philip McChesney, Forest Fire Truck Driver, returned from Military Leave to San Luis Obispo. |
| February 15, 1963 | Frank E. Quadro promoted as Forest Fire Prevention Officer in Monterey. Previously worked as Associate State Forest Ranger in District III. |
| February 25, 1963 | Richard D. Tiller appointed as Fireman, San Mateo County. |
| February 28, 1963 | Herman O. Resch, Camp Crew Cook, resigned from San Mateo. |

February 25, 1963 Gary E. DeVincenzi appointed as Fireman, San Mateo County.

February 23, 1963 Billy E. Smith appointed as Fireman, San Mateo County.

March 1, 1963 Melvin L. Sipe appointed Forest Firefighter, San Benito.

March 2, 1963 Edward G. Cikuth appointed Forest Fire Truck Driver, San Mateo.

March 2, 1963 Joseph H. Marek appointed Fireman, San Mateo County.

March 11, 1963 Leslee W. Davis appointed Intermediate Typist Clerk, Monterey.

April 28, 1963 Conrad D. Vargas, Forest Firefighter Foreman on Military Leave, San Luis Obispo County.

April 30, 1963 Helen I. Wallace, Intermediate Typist Clerk, San Luis Obispo County, retired.

April 5, 1963 Thomas LeDeit, Forestry Equipment Operator, Santa Clara County, resigned.

April 30, 1963 Robert W. Johnstone, Forest Fire Truck Driver, San Mateo County, resigned.

May 1, 1963 Norman B. Egland, Forest Fire Truck Driver appointed, San Benito County.

May 1, 1963 James H. McPharlin, Jr., appointed Forest Fire Truck Driver, San Mateo County.

May 1, 1963 Garth V. Sturgill appointed Camp Crew Cook, Santa Clara County.

May 8, 1963 George W. White, Jr., Forest Fire Truck Driver transferred to Department of Parks and Recreation.

May 3, 1963 James A. Felkey appointed Forest Fire Truck Driver, Santa Clara County.

DISTRICT VI

February 18, 1963 Thomas W. Stein transferred from Perris to District VI Headquarters.

February 18, 1963 James F. Simmons appointed Forestry Graduate Trainee, Riverside County.

February 15, 1963 Edwin A. Karman transferred from Orange County to Riverside County.

February 15, 1963 Rollin E. Swacker promoted to Assistant State Forest Ranger in Orange County.

February 15, 1963 Donald J. O'Connell promoted to Assistant State Forest Ranger, San Bernardino County.

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| March 1, 1963 | Ronald E. Smith promoted to Forest Firefighter Foreman in Riverside County. |
| February 28, 1963 | Harry C. Overlin, Camp Crew Cook in San Bernardino County, retired. |
| February 7, 1963 | John R. Francois promoted to Forest Firefighter Foreman in San Diego County. |
| February 14, 1963 | John A. Loop promoted to Forest Firefighter Foreman in Riverside County. |
| March 8, 1963 | David M. Crandell promoted to Forest Fire Truck Driver in Orange County. |
| March 8, 1963 | John F. Linton appointed Forest Fire Truck Driver in Riverside County. |
| February 13, 1963 | Taylor L. Stevens transferred from San Diego County to San Bernardino County. |
| March 1, 1963 | Luther O. Harp appointed Automotive Maintenance Foreman in San Bernardino County. |
| March 13, 1963 | Herbert D. Smith reinstated to Camp Crew Cook position in San Bernardino County. |
| January 31, 1963 | Elmer F. Osterman appointed to Forest Fire Prevention Program Supervisor in Riverside County. |
| March 8, 1963 | Franklin Palmer appointed Forest Fire Truck Driver in Riverside County. |
| February 7, 1963 | Brian L. Richtmyer on Military Leave of Absence, Orange County. |
| April 3, 1962 | Gay A. Davis, Intermediate Stenographer transferred to Department of Mental Hygiene - Patton from District VI Headquarters. |
| April 1, 1963 | Curtiss W. Kennon promoted from Forestry Graduate Trainee to Forest Firefighter Foreman at Riverside County. |
| March 31, 1963 | Rachel R. Shay, Intermediate Stenographer resigned, Riverside County. |
| March 29, 1963 | Ross E. Bartlett appointed Civil Service Forest Fire Truck Driver at San Diego. |
| April 15, 1963 | Barritt Neal appointed Forestry Graduate Trainee, Riverside. |
| April 19, 1963 | John B. Bishop appointed Forest Fire Truck Driver, San Diego. |
| April 19, 1963 | Robert H. Pederson appointed Forest Fire Truck Driver, San Diego. |

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| April 19, 1963 | Thomas A. Rapere appointed Forest Fire Truck Driver San Diego. |
| April 19, 1963 | Robert T. Robeson appointed Forest Fire Truck Driver San Diego. |
| April 19, 1963 | Donald L. Scanlon appointed Forest Fire Truck Driver, Riverside. from |
| April 20, 1963 | Stephen C. Stein promoted / Forest Firefighter Foreman to Forestry Work Project Foreman, Oak Glen Conservation Camp. |
| April 15, 1963 | Junior K. Fish appointed Forest Fire Truck Driver, San Diego. |
| April 19, 1963 | James H. Travis promoted from Forest Firefighter to Forest Fire Truck Driver, San Diego. |

DISTRICT II

CONSERVATION WEEK: Conservation Week has come and gone, but hopes are high in the Tehama-Glenn Ranger Unit that the memory of Conservation Week, 1963, will live for many years in the minds of the students and faculty. This year one to five young cedar trees were given to each school for planting in the school yard during the cooperative venture with the United States Forest Service.

In all 32 schools were visited with an attendance of 2,487 and 12,730 pieces of fire prevention material distributed.

Raymond R. Higgins
Fire Prevention Officer

DISTRICT III

FORTY-TWO YEARS AGO -- LOOKING BACK

Western Forestry and Conservation Association held a two-day session in the Merchants Exchange, San Francisco, December 15 and 16, 1921. President A. W. Laird, Potlatch Lumber Company, Potlatch, Idaho, spoke in a familiar vein. "We are surely in a period of transition", he said. "We have hardly begun to recover from the daze and fatigue of a destructive war. We are not yet normal."

Association Forester C. S. Chapman's report noted with gratification that the legislatures of California, Oregon and Washington had increased their appropriations for forest protection. (California's first lookouts were hired that year and 21 state rangers were on the job. Now the State Division of Forestry has funds annually for more than 12,500 man-months of fire fighting.) He also told of the use of air patrol for fire detection for the past three years in California and Oregon. The work was done by the Air Service of the War Department in cooperation with the U. S. Forest Service.

E. T. Allen, Forest Economist for the Association, (and first State Forester in California) spoke on federal legislation, State forest policy, protection, the need for cooperation, and the necessity for land classification according to permanent use suitability. He pointed out that the latter is basic to problems of protection, reforestation, public acquisition of forest land, and agricultural projects.

The use of high leads, the ever present problem of slash disposal, and losses due to insects were discussed. Among the Californians who spoke were C. R. Johnson, Donald Bruce, S. B. Show, R. E. Danaher and Paul Redington. Swift Berry was reported as favoring government ownership of private lands in the National Forests.

Resolutions were adopted covering cutover land protection, land classification, federal forestry legislation, general and local land exchange bills, experiment stations, air patrol, combatting white pine blister rust, fire menace in logging operations, and insect control.

FROM THE VALLECITO CONSERVATION CAMP

On Saturday the 13th of April, Forestry Work Project Foreman, Jimmie G. Gaines of Vallecito Conservation Camp, and Assistant Superintendent Jesse H. Brower of Folsom Lake-Beaver Creek Conservation Camp noticed skid marks leading off the road on Melones Grade. Feeling investigation was warranted, they discovered an overturned auto, and at the bottom of the hill lying in the creek was an injured young lady. They administered first aid and gave comfort to the victim for approximately one hour and forty minutes until arrival of a litter basket to remove the injured party.

Below is the copy of a thank-you note received by Foreman Gaines:

"Dear Mr. Gaines:

"I'm not even sure this will reach you, but somehow I wanted you to know how much I appreciate your moral support during my accident this Saturday. There is a warmth about you that especially made me feel as if I were in good hands, especially when you warmed my feet between your hands and expressed concern over the length of time it was taking to get the basket.

"All these things may seem small to you, but to me they were extremely large. I am at home now and feeling fine. Today I was able to get up and walk, so I am progressing.

"Warmly,

"Mary"

Mary Crowell
3736 Laguna Way
Sacramento 25, California

A. J. Hayes
Associate State Forest Ranger

CALAVERAS COUNTY

The following news item was forwarded to us by our Lookout Samuel Grant, who is returning from New Zealand by way of Copenhagen and Anchorage. We believe it would be of interest to our Forestry personnel--especially Rangers planning to visit Java.

SNAKE EATS RANGER

Djakarta, Fri: A big snake killed and swallowed whole a forest ranger near the Central Java town of Gunung Kidul, according to reports reaching

here.

The man was riding his horse beneath a tree when the snake dropped from a branch and seized his neck in its teeth.

The ranger fell from his horse and was devoured by the snake. --
A.A.P.-Reuters.

Miles H. Young
State Forest Ranger II

TUOLUMNE COUNTY

On April 8, 1963, the employees of the Tuolumne Ranger Unit acquired an 1857 Hunneman end stroke hand-operated fire engine from the Suisun City Fire Department. This engine was manufactured by the Hunneman Company of Boston and it was delivered to the Boston Fire Department on November 2, 1857, and ran as Boston Engine Number 14. The engine was lettered S. R. Spinney who, at that time was an official of the City of Boston. In about 1861 the engine was sold to the City of San Francisco and was shipped around the Horn to San Francisco. When the San Francisco Fire Department had no further use for it, it was sent by barge to the City of Suisun where it had been until it was acquired by the Tuolumne Division of Forestry employees.

The engine was sitting outside these many years and was in very bad condition. The Tuolumne employees completely restored the engine, spending their own funds toward this end. I don't believe there was a night when there wasn't at least five or six men working on the engine to get it completed in time for our fire services day on May 5th. The restoration of the engine was completed on May 2nd, and it was test-pumped on that day.

On May 5th, it was entered in the Fireman's Parade and muster at Columbia Historic State Park, Columbia, California. By rules, fire engines are divided into two classes. Class I for those with cylinders 7 inches and over and Class II for those with cylinders under 7 inches. Our engine won first place in the parade and also won first place in the pumping contest, throwing a stream of water 180 feet 6 inches. Our engine having a cylinder of 5 3/4 inches placed it in Class II competition. 12,000 people viewed the muster that was held that day in Columbia.

Jack E. Amundsen
State Forest Ranger

DISTRICT IV NEWS RELEASE

On Tuesday, April 23, 1963, Fresno-Kings Ranger Unit employees, assigned to the Mid Valley Fire District at Mendota and Tranquillity Stations, established a fairly unbeatable record.

This consisted of extinguishing a vehicle fire 168 feet in vertical elevation from ground level. The occasion was precipitated when a trailer mounted tar roofing kettle boiled over on the roof of the new storage silos at the Spreckles Sugar Company's \$16,000,000 plant just south of Mendota.

The initial rush of heat ruptured the pressurized fuel tank and spread flame and heat to the reserve fuel supply, a 55-gallon drum of kerosene which was three-quarters empty. Fuel vaporization created excessive pressure, the barrel ruptured exploding flaming kerosene over the roof area and projecting the barrel like a missile from a launch pad in a high arc over the side where it came to rest on the trunk lid of a new car in the employee's parking lot some 200 feet away from the silo base.

Excessive damage potential was extreme, but quick action by Forestry personnel, well trained in structural procedures and evolutions, confined the fire to the roofing equipment.

Edward Dunton
Assistant State Forest Ranger

"SMOKEY STEALS SHOW"

At the Merced County Spring Fair held in Los Banos from May 1 through May 5, some 60,000 people visited the festival.

On Thursday evening, the exhibit buildings, outside exhibits and pavilions were somewhat vacated. Most everyone had gone to the bleacher encircled arena where several wrestling matches were about to take place.

The wrestlers were delayed in arriving on schedule. With approximately 500 people anxiously waiting, Smokey appeared in the ring, pounding his chest and exercising with the ropes. After several bows, Smokey received a land ovation and was successful in maintaining the attention of the fans. Soon after his departure, the wrestlers progressively appeared and showed their stuff. It wasn't very long until the crowd was yelling for Smokey to return.

On Saturday afternoon, Smokey was interviewed on Radio Station KYOS, Merced, where he plugged fire prevention practices. One of Smokey's favorite expressions throughout his performance was "Boy, It's Hot In Here."

Rex N. Griggs
Assistant Ranger

LETTER TO RANGER RAY BANKS FROM BEN I. JONES, CHIEF, TULARE FIRE DEPARTMENT
DATED APRIL 12, 1963

"Dear Ray:

"May I express my sincere appreciation and thanks for the fine turn-out of equipment and manpower in response to my call for assistance during the United Lumber Company fire. Without this help, control and extinguishment would have been most difficult. If, at any time, we can return the favor, please do not hesitate to call us."

R. T. Ford
Fire Prevention Officer

25-YEAR LUNCHEON

On March 27, a group of approximately 40 employees and friends gathered at the Sportsmen Hall in Visalia for a luncheon to honor Assistant Ranger Robert Matheson for his 25 years of service with the California Division of Forestry.

Bob started his forestry career back in the 30's as a fire suppression foreman in San Diego County. He worked a number of years in District VI and was later employed in District III. He came to District IV, Tulare Ranger Unit, in 1947 and was assigned to our Badger Assistant Ranger District. After a short time at Badger he was transferred to our Hammond Assistant Ranger District. Naturally in his period of time working, Bob has traveled far and wide throughout the State on many of Forestry's fire problems.

The 25-Year Pin presentation was made by Associate Ranger James Stokes and it was certainly a proud moment for all of us to see Bob and his wife Stella honored by so many of their friends in the Forestry family.

John F. Rosar
Associate State Forest Ranger

ELMO FREEAR DECEASED

Services were held at 2 P.M. on May 9 at the First Presbyterian Church in Bakersfield for Elmo Freear long time friend and associate of many members of the Division of Forestry.

The State Board of Forestry honored his passing with a moment of silence at its meeting on May 23 in Sacramento.

Elmo Freear will long be remembered for his service to his fellow man as Chief of the Kern County Fire Department and for his activities with the Division of Forestry.

SAN LUIS OBISPO COUNTY

Division of Forestry employees from the San Luis Obispo Ranger Unit recently gathered for a dinner party to honor the recent retirement of Mrs. Helen I. Wallace.

Mrs. Wallace, better known as "Helen", was first employed by the Division as Intermediate Typist-Clerk in 1947 and has been the personnel clerk, being responsible for all payrolls and personnel transactions as well as many other duties.

Mrs. Wallace had been employed by governmental agencies for many years which included all levels of government - Federal, State, County and County Schools. Serving as payroll clerk for the Federal Government at Camp San Luis Obispo, manager of the Commodity Distribution Center for the Department of Social Welfare for the County Government, the Division of Forestry for State Government and teaching in three county schools in San Luis Obispo county schools system.

Mrs. Wallace was born near Paso Robles in San Luis Obispo County, graduating from the Paso Robles High School, after which she attended the Western Normal School receiving her life diploma for teaching in elementary schools of California.

Words of praise were voiced by many employees who had worked with Helen through the years, and a gift of a beautiful watch was made by Steve Nash-Boulden, Associate Ranger of the San Luis Obispo Ranger Unit. CSEA Natural Resource Chapter 136 presented Helen with a retirement CSEA pin.

Maurice L. Davis
Assistant Ranger

CURIOUS FIREMAN AIDS LAWYERS

On February 25, 1963, at approximately 12:00 Noon, the California Division of Forestry, Belmont Headquarters, received a call from Bill Getchell, Fire Inspector, Woodside Fire Protection District, inquiring as to the presence of a Division of Forestry car in the Fire District. It seems as though Getchell talked at some length with the occupants of the Forestry car, and they stated that they were visiting in this area and were from the northern part of California, around Fortuna - Eureka area. It seems as though Getchell is also from this area and some of the answers he received did not seem to hold water. The wearing apparel, blue denims and tin hats, also brought some suspicion.

At this point he concluded that this might be someone not on official business.

A check was made through District V Dispatcher, and within a short time it was learned that this was a missing State Division of Forestry vehicle, and possibly the occupants were from the High Rock Conservation Camp.

Previous to Getchell's call to the Belmont Headquarters, he had advised the local Sheriff's Office to investigate this vehicle status; apparently Getchell had read, in the local papers, of the missing vehicle and occupants, and had become somewhat suspicious.

After receiving a confirmation from District, the local law enforcement agencies were provided a description of the vehicle and occupants. San Mateo Ranger Unit then went into action by placing the Patrol Aircraft in service, with Forester & Fire Warden Werder at the controls. Communications were of some concern at this point, this being a Division car there was the possibility of monitoring, therefore, the Air Net was used and a coordinated effort started.

After Getchell's initial contact with the occupants and vehicle within the Fire District, the persons concerned left the area. It was felt, at this point, that they would probably go into the watershed area. This proved to be wrong; and for reasons unknown, went into the City of Redwood City, whereupon they were noticed by the Redwood City Police and within a few moments the plan of action came to a close with some eight Police Units from Redwood City, Menlo Park, and the California Highway Patrol descending upon the suspects.

It may be of interest to note that the whole operation was monitored within the Belmont Dispatch Office. The whole operation took less than an hour to complete and ran something like what you would see on your television set.

One interesting note is that while the occupants of the stolen car were being tailed preparatory to the spot where they were arrested, the motorcycle officer gave a running account of their actions. He noted that they were driving safely and obeying all traffic signals. No apparent damage was done to the State vehicle, although the credit card had been used to its full capacity, as they had driven over 1,500 miles before being apprehended.

Ernest H. Werder
Forest & Fire Warden

MISS LELIA CROUCH RECEIVES AN AWARD

One of the staunchest friends of California club women was among 101 employees honored by the U. S. Department of Agriculture on May 17, 1963. Miss Lelia Crouch, Information Specialist for the California Region of the U. S. Forest Service, received the Department's Superior Service award for outstanding accomplishments in her work. Secretary of Agriculture Orville L. Freeman presented the Award during the USDA's annual awards ceremony on the Washington Monument grounds in Washington, D.C. Vice President Lyndon B. Johnson delivered the principal address.

Miss Crouch was presented the award "For outstanding accomplishments in stimulating active interest in conservation of the country's natural resources through work with cooperating groups, and gaining appreciation and support of National Forest Resource Management Programs." She was among 75 Department of Agriculture employees to be honored for their accomplishments.

Starting as a clerk on the Plumas National Forest in California 18 years ago, Miss Crouch has worked up to her present position of Information Specialist for the California Region. She was born in Calistoga, California, and for several years was librarian for the Calistoga Public Library. In the past she has received special recognition from the California Garden Clubs, The California Federation of Women's Clubs, and the California Conservation Council.

The USDA award is based on her work in conservation education with these and other organizations as well as youth groups and schools. She has been instrumental in the success of the Penny Pines Program. Under this program cooperating organizations donate money toward tree planting projects on the National Forests. Close to \$90,000 has been donated toward these forests for the future since the program's beginning in 1941.

